EAST SEARCH

6/6/05

L#	Hits	Search String	Databases
S1	9702	((digital or data) near2 communication$1) with (modulat$3 or equaliz$3 or (symbol near2 (interfere	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S2	1557	S1 and ((decod$3 or estimat$3) with symbol$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S3	290	S1 and ((decod$3 or estimat$3) with symbol$1 with sample$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S4	290	S2 and ((decod$3 or estimat$3) with symbol$1 with sample$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S5	110	S2 and (reliability with (symbol$1 or sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S6	26	S4 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S7	75	S2 and (reliability with (limit$1 or threshold$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S8	4	S5 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S9	45	S2 and (sample$1 with (adjacent or neighboring) with (symbol$1 or sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S10	0	S2 and ((rescatter$3 or scatter$3) near2 sample$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S13	321	S2 and ((decod$3 or estimat$3) with "maximum likelihood")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S14	80	S2 and (("intersymbol interference" or ISI) with coefficient$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S15	216	S2 and (trellis near2 decod$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S16	0	S2 and (("intersymbol interference" or ISI) with coefficient$1 with distribution)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S18	283	S2 and (weight$3 with (symbol$1 or sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S19	1	S2 and (weight$3 with reliability with (limit$1 or threshold$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S20	21	S2 and (weight$3 with reliability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S21	22	S2 and (("intersymbol interference" or ISI) with probability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S22	412	S2 and (fram$3 with (symbol$1 or sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S24	0	S2 and (subtrct$3 with equaliz$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S25	749	S2 and (receiver$1 with (decoder$1 or detector$1 or demodulator$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S26	296	S6 or S7 or S8 or S9 or S11 or S12 or S14 or S17 S19 or S20 or S21 or S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S27	1033	S4 or S5 or S13 or S15 or S18 or S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S28	252	S26 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S29	109	S28 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S30	252	S28 or S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S11	35	S2 and (constellation with region$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S12	45	S2 and (decision with region$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S17	6	S2 and (("intersymbol interference" or ISI) with distribution)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S23	29	S2 and (("intersymbol interference" or ISI) with coefficient$1 with (estimat$3 or calculat$3 or com	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S31	2	6,556,634.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S32	1	S31 and (ISI or "intersymbol interference")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S33	1	S31 and (ISI or "inter-symbol interference")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S34	2	6,581,179.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S35	9702	((digital or data) near2 communication$1) with (modulat$3 or equaliz$3 or (symbol near2 (interfere	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S36	1557	S35 and ((decod$3 or estimat$3) with symbol$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S37	290	S36 and ((decod$3 or estimat$3) with symbol$1 with sample$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S38	110	S36 and (reliability with (symbol$1 or sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S39	26	S37 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S40	75	S36 and (reliability with (limit$1 or threshold$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S41	4	S38 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S42	45	S36 and (sample$1 with (adjacent or neighboring) with (symbol$1 or sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S43	35	S36 and (constellation with region$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S44	45	S36 and (decision with region$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S45	321	S36 and ((decod$3 or estimat$3) with "maximum likelihood")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S46	80	S36 and (("intersymbol interference" or ISI) with coefficient$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S47	216	S36 and (trellis near2 decod$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S48	6	S36 and (("intersymbol interference" or ISI) with distribution)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S49	283	S36 and (weight$3 with (symbol$1 or sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S50	1	S36 and (weight$3 with reliability with (limit$1 or threshold$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S52	22	S36 and (("intersymbol interference" or ISI) with probability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S53	412	S36 and (fram$3 with (symbol$1 or sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S54	29	S36 and (("intersymbol interference" or ISI) with coefficient$1 with (estimat$3 or calculat$3 or con	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S55	749	S36 and (receiver$1 with (decoder$1 or detector$1 or demodulator$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S56	296	S39 or S40 or S41 or S42 or S43 or S44 or S46 or S48 S50 or S51 or S52 or S54	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S57	1033	S37 or S38 or S45 or S47 or S49 or S53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S58	252	S56 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S59	109	S58 and S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S51	21	S36 and (weight$3 with reliability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S61	2	6,665,308.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S62	1	S61 and (fram$3 with (symbol$1 or sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S63	0	S61 and (fram$3 with (symbol$1 with sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S64	0	S61 and ((fram$3 with symbol$1) same (fram$3 with sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S65	1	S61 and (fram$3 with sample$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S66	0	S61 and (reliable with symbol$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S67	1	S34 and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S68	1	S34 and (fram$3 with (symbol$1 or sample$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S70	109	S58 and (frame with symbol$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S71	21	S58 and (frame with sample$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S72	0	S69 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S73	0	S69 and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S74	0	S34 and (reliable near2 symbol$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S69	6	S58 and (reliable near2 symbol$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S75	0	S61 and (fram$3 with length$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S76	68	S70 and (fram$3 with length$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S77	67	S70 and ((determin$3 or specify$3 or specif$3 or predetermin$3 or prespecif$3) with length$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S78	60	S76 and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S79	39	S60 and (subtract$3 with equaliz$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S80	102	S60 and (decision with equaliz$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S81	36	S79 and S80	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S82	72	S58 and "maximum likelihood"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S60	252	S58 or S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S83	76	S36 and ((distribution) with probability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S84	4	S52 and S83	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S85	80	S60 and (previous$2 with symbol$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

S86	49	S60 and (probability with symbol$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S87	27	S85 and S86	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S88	33	S60 and (trellis near2 decod$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S89	82	S60 and (trellis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S90	60	S60 and (trellis with decod$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S91	58	S60 and (receiver with demodulator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S92	1	S61 and (memory with buffer$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S93	0	S61 and (processor with detector$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S94	1	S61 and ((processor$1 or CPU) with detector$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S95	0	S61 and (reliable with symbol$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S96	1	S61 and (decod$3 with signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S97	2	6,581,179.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S98	2	6,556,634.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

EAST SEARCH

6/6/05

Results of search set S91:

S60 and (receiver with demodulator)

Document IKind Codes	Title	Issue Date	Current OR	Abstract
US 20040190649 A1	Joint, adaptive control of equalization, synchronization, and gain in a digital communications recei	20040930	375/326	
US 20040190641 A1	Method and system for modulating and demodulating signals in ultra-wide band (UWB) communi	20040930	375/261	
US 20040184564 A1	Timing synchronization for M-DPSK channels	20040923	375/330	
US 20040120300 A1	System, method and apparatus for parallel information transmission in wireless communication sy	20040624	370/342	
US 20040042566 A1	Symbol reliability determination and symbol pre-selection based on reliability criteria	20040304	375/341	
US 20040037374 A1	Efficient partial response equalization	20040226	375/341	
US 20040001561 A1	Method and system for the transmission, reception and processing of 4-level and 8-level signaling	20040101	375/308	
US 20030156603 A1	Apparatus and method for trellis encoding data for transmission in digital data transmission syste	20030821	370/485	
US 20030128751 A1	Method and apparatus for frequency-domain tracking of residual frequency and channel estimatio	20030710	375/229	
US 20030123595 A1	Multi-pass phase tracking loop with rewind of future waveform in digital communication systems	20030703	375/376	
US 20030112914 A1	Multi-pass phase tracking loop with rewind of current waveform in digital communication systems	20030619	375/376	
US 20030086515 A1	Channel adaptive equalization precoding system and method	20030508	375/346	
US 20030081576 A1	Transmitting/receiving apparatus and method for packet retransmission in a mobile communicatio	20030501	370/335	
US 20030053550 A1	System and method for recovering symbol timing offset and carrier frequency error in an OFDM d	20030320	375/267	
US 20030016770 A1	Channel equalization system and method	20030123	375/346	
US 20020181633 A1	Means and method for a synchronous network communications system	20021205	375/354	
US 20020150180 A1	Method for enhancing soft-value information	20021017	375/341	
US 20020015423 A1	Apparatus and method for trellis encoding data for transmission in digital data transmission syste	20020207	370/485	
US 20010046266 A1	Apparatus and method for scdma digital data transmission using orthogonal codes and head end	20011129	375/259	

US 20010038674 A1	MEANS AND METHOD FOR A SYNCHRONOUS NETWORK COMMUNICATIONS SYSTEM	20011108	375/355
US 20010024474 A1	Apparatus and method for trellis encoding data for transmission in digital data transmission syste	20010927	375/259
US 20010022813 A1	Technique for minimizing decision feedback equalizer wordlength in the presence of a DC compo	20010920	375/233
US 20010001616 A1	Apparatus and method for SCDMA digital data transmission using orthogonal codes and a head e	20010524	375/259
US 6862326 B1	Whitening matched filter for use in a communications receiver	20050301	375/343
US 6842495 B1	Dual mode QAM/VSB receiver	20050111	375/326
US 6823027 B2	Method for enhancing soft-value information	20041123	375/341
US 6781447 B2	Multi-pass phase tracking loop with rewind of current waveform in digital communication systems	20040824	329/304
US 6763064 B1	Block decision directed equalization method and apparatus	20040713	375/230
US 6665308 B1	Apparatus and method for equalization in distributed digital data transmission systems	20031216	370/441
US 6608874 B1	Method and apparatus for quadrature multi-pulse modulation of data for spectrally efficient comm	20030819	375/353
US 6567475 B1	Method and system for the transmission, reception and processing of 4-level and 8-level signaling	20030520	375/286
US 6539063 B1	System and method for recovering symbol timing offset and carrier frequency error in an OFDM d	20030325	375/267
US 6442212 B1	Method and apparatus for transmission of digital data	20020827	375/265
US 6384858 B1	Suppression of co-channel NTSC interference artifacts when extracting training signal for a DTV	20020507	348/21
US 6377640 B2	Means and method for a synchronous network communications system	20020423	375/354
US 6356555 B1	Apparatus and method for digital data transmission using orthogonal codes	20020312	370/441
US 6307868 B1	Apparatus and method for SCDMA digital data transmission using orthogonal codes and a head e	20011023	370/485
US 6278732 B1	Efficient MLSE equalization for quadrature multi-pulse (QMP) signaling	20010821	375/235
US 6263030 B1	Equalizer with channel tracker switching	20010717	375/341
US 6246732 B1	Demodulator including adaptive equalizer and demodulating method in digital communications	20010612	375/346
US 6226323 B1	Technique for minimizing decision feedback equalizer wordlength in the presence of a DC compo	20010501	375/233
US 6141378 A	Fractionally-spaced adaptively-equalized self-recovering digital receiver for amplitude-phase modu	20001031	375/232
US 6118814 A	Communication system	20000912	375/232
US 6115433 A	Adaptively-equalized digital receiver with carrier tracking	20000905	375/326
US 5991308 A	Lower overhead method for data transmission using ATM and SCDMA over hybrid fiber coax cab	19991123	370/395.53
US 5970093 A	Fractionally-spaced adaptively-equalized self-recovering digital receiver for amplitude-Phase modu	19991019	375/234
US 5909466 A	Adaptive equalizer for digital communications systems	19990601	375/233
US 5812601 A	Coding for higher-level modulation	19980922	375/262
US 5809009 A	Demodulator apparatus for digital radio communication receiver providing pseudo-coherent quadr	19980915	370/206
US 5768307 A	Coherent demodulation with decision-directed channel estimation for digital communication	19980616	375/150
US 5694419 A	Shared resource modulator-demodulator circuits for use with vestigial sideband signals	19971202	375/222
US 5692013 A	Shared resources modulator-demodulator circuits for use with quadrature amplitude modulated si	19971125	375/277
US 5598439 A	Method and apparatus for symbol clock phase recovery	19970128	375/326
US 5301167 A	Apparatus for improved underwater acoustic telemetry utilizing phase coherent communications	19940405	367/134
US 5297169 A	Equalizer training in a radiotelephone system	19940322	375/231
US 5233632 A	Communication system receiver apparatus and method for fast carrier acquisition	19930803	375/344
US 5007068 A	Doppler-corrected differential detection system	19910409	375/280
US 4837786 A	Technique for mitigating rain fading in a satellite communications system using quadrature phase	19890606	370/206